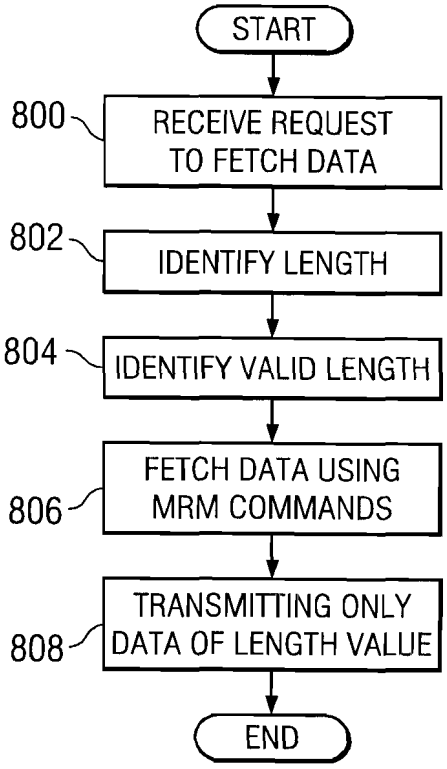
START
800
RECEIVE REQUEST TO FETCH DATA
802
IDENTIFY LENGTH
804
IDENTIFY VALID LENGTH
806
FETCH DATA USING MRM COMMANDS
808
TRANSMITTING ONLY DATA OF LENGTH VALUE
END

FIG. 8

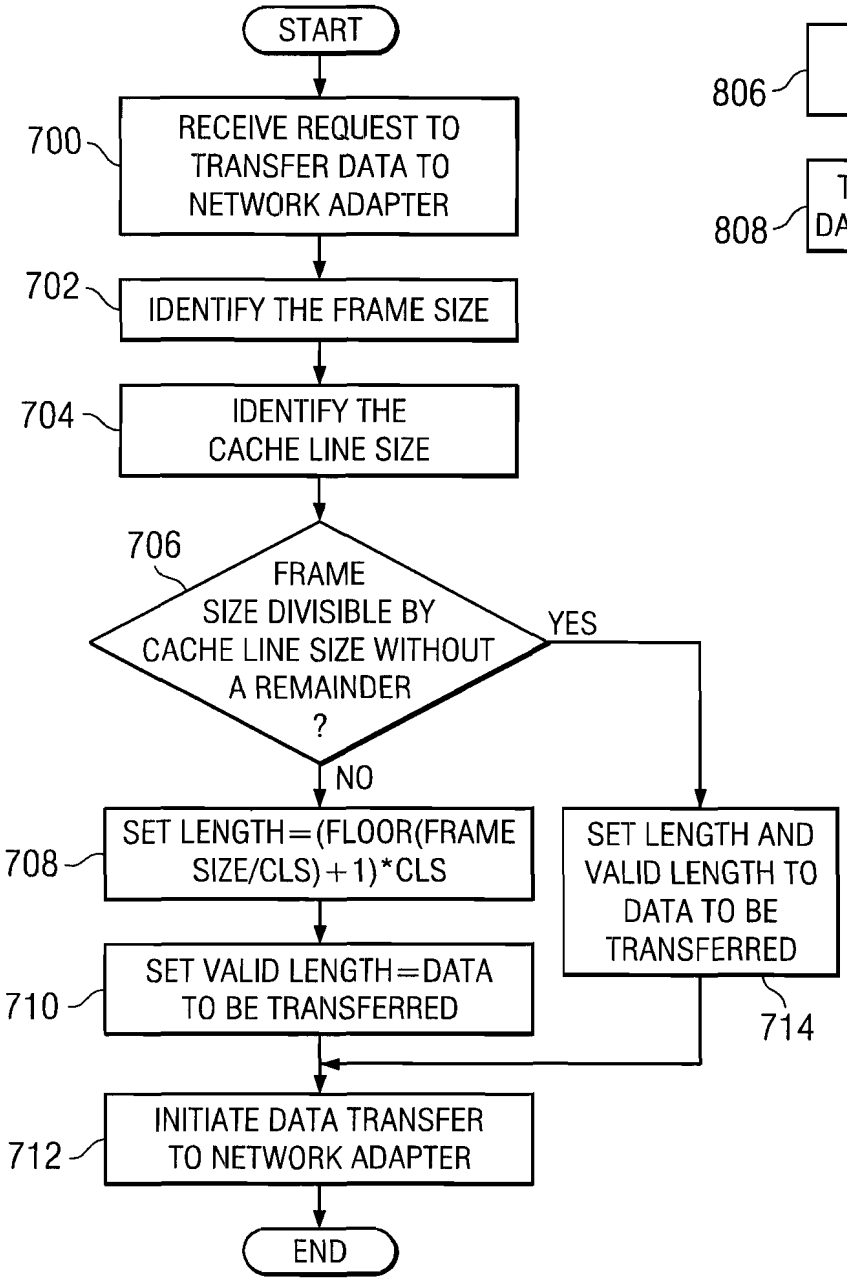
START
700
RECEIVE REQUEST TO TRANSFER DATA TO NETWORK ADAPTER
702
IDENTIFY THE FRAME SIZE
704
IDENTIFY THE CACHE LINE SIZE
706
FRAME SIZE DIVISIBLE BY CACHE LINE SIZE WITHOUT A REMAINDER ?
YES
NO
708
SET LENGTH=(FLOOR(FRAME SIZE/CLS)+1)*CLS
710
SET VALID LENGTH=DATA TO BE TRANSFERRED
712
INITIATE DATA TRANSFER TO NETWORK ADAPTER
SET LENGTH AND VALID LENGTH TO DATA TO BE TRANSFERRED
714
END

FIG. 7